FTS
QD-HX QUICK DEPLOY

Standard Components

Tripod base:	• Aluminum, adjustable-length legs, adjustable "lily pad" feet with optional ground spike.
	• Includes hand tightening locking bolt to secure cabinet on top.
	• Includes solid steel bolt ring and heavy-duty nylon tie- down strap for securing to ground anchor.
Ground anchor:	• Includes both spiral (screw-in) ground anchor and duck-bill anchor.
	• Includes pounding rod for driving duck-bill anchor with sledgehammer (not included).

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Enclosure:	• Heavy gauge (.08") marine-grade aluminum, powder coated finish.
	• Lockable heavy-duty stainless steel clasps.
	• Rain drip rail over lid to keep rain out of enclosure when door is open.
	• Foam gasket at bottom of door perimeter seals out insects and dust yet allows door to close over cables. FTS toll-free service number printed inside door.
	• Built-in keyway plate for mounting standalone datalogger and SDI-AM.
	• Withstand wind speeds of up to 160km/hr (100mph).
	• UV resistant as minimal plastics used.
	• IP55
Antennae:	• EON GOES antenna with cabinet mount.
	• GPS antenna with top of cabinet mount.
Cables:	• AC adapter with regulator to charge battery without datalogger.
Power system:	• Three (3) 7.5 Amp-hour batteries.
	• 20W solar panel
	• When H1RS or H2 data logger is installed, the logger provides intelligent power management that monitors solar panel output and optimizes chargingvoltage according to ambient temperature, greatly extending battery life.

Carrying/ shipping case:

• Two cases total, both with weatherproof, and abrasion-resistant outer shell and inner molded foam.

Case 1
Width: 74cm (29in) x
Depth: 20.5cm (8in) x
Height: 53.5cm (21in)
Weight: 9.5kg (21lbs)

Case 2
Width: 96.5cm (38in) x
Depth: 30.5cm (12in) x
Height: 61cm (24in)
Weight: 34kg (75lbs)

• No sharp buckles on outside of case.

• Includes easy (graphical) setup and packing instructions inside, in top of lid.

• **Case 2:** Carrying handles are made from nylon webbing which exceeds burst capacity of case weight when full. Straps on large case run full length of load bearing surface.

Optional Components

Sensors:	• Turbidity
	• Water Temperature
	• Stage
	• Dual Analog Wind Speed/Direction
	• Air Temperature/Humidity
	• Rain Gauge
	• Solar Radiation
	• Fuel Temperature and Moisture
	• DigiBP SDI-12 Barometric Pressure
	• Water Quality
	• SDI Soil Moisture/Temperature
	• Compatible with Lufft WS sensors

Other:	• Analog-to-SDI expansion module (SDI-AM) provides terminal strip connections for integrating legacy analog sensors.
	- 4 analog inputs
	- 1 counter input
	- 2 sensor excitation output (0-5V)
	- 2 switched 12V outputs

Miscellaneous

Assembly:	• Completely tool-less design and full operation within 15 minutes by one person. All components secured to enclosure (which is supported by tripod base) with custom-designed, stainless steel "fast fit" mounting brackets and grenade pins.
	• All mounting hardware is designed to eliminate any sharp or hazardous edges.
	• All mounting hardware is securely tethered to station frame.

Service and support:	• Lifetime, unlimited, toll-free telephone and email support.
	• Telephone support hours are 7am to 4pm Pacific time, Monday through Friday, excluding Canadian statutory holidays.
	• Extended support hours available.
	• Free datalogger firmware updates provided for life of the product. Firmware updates can be done easily in the field by end user (via USB memory stick).
	• Several service contracts offered, including premium Annual On-Site Maintenance.

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